

SIMPLIFIED AUTOMATIC TYRE DEMOUNTING DEVICE, AND TYRE REMOVAL MACHINES EQUIPPED THEREWITH

ABSTRACT

- 5 Automatic device for demounting a tyre from the relative wheel rim,
comprising, for supporting the wheel rim complete with tyre, rotary means
associated with a frame which supports a demounting tool and is
associated with means enabling it to be positioned in a tyre bead seeking
and gripping position in which it is perpendicular to the axis or orientated
10 towards the centre of the wheel rim, and in a position for extracting said
tyre bead from the wheel rim in which it is perpendicular to the axis or
orientated in the opposite direction, said tool positioning means
comprising a bar, to the end of which said tool is hinged in an intermediate
position, and a connecting rod which at one end is hinged to one end of
15 said tool, and at the opposite end is connected to said bar by a lever
linkage, said bar being connected to means for advancing it and
withdrawing it